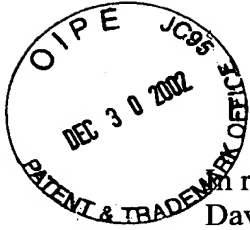


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1-01-03
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:
David C. Tannenbaum

Serial No.: 09/348,885

Group Art Unit: 2671

Filed: July 1, 1999

Examiner: P. K. Nguyen

For: **DUAL MODE DEVICE AND METHOD FOR GENERATING VECTOR
CROSS PRODUCTS OR DOT PRODUCTS**

EXPRESS MAIL LABEL NO: EL827225035US
DATE OF DEPOSIT: December 30, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

JAN 06 2003

AMENDMENT

Technology Center 2600

This is in response to the Office Action dated June 4, 2002 and the Advisory Action dated September 24, 2002, issued in connection with the above-captioned patent application, and further to the Notice of Appeal filed November 1, 2002. Reconsideration of the Office Action is respectfully requested in view of the following amendments and remarks.

Please amend the application as follows.

IN THE CLAIMS:

Please amend claims 12, 13, and 15-18 as follows.

12. (Once Amended) The dual mode device as recited in claim 11, wherein the dual mode controller changes the sign of one or more selected vector components for transmission to the dual mode units when the first signal indicates generation of the cross product.

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Amndt